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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/700,816-Conf. #9864
Filing Date	November 4, 2003
First Named Inventor	Zuoshang XU
Art Unit	1635
Examiner Name	S. McGarry
Attorney Docket Number	UMY-038

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-5,782,242	02-16-1999	Monia	
	A2*	US-6,358,932	03-19-2002	Monia	
	A3*	US-2004/0214198 A1	10-28-2004	Rana	
	A4*	US-2007/0259827 A1	11-08-2007	Aronin et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	

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Attorney Docket Number	UMY-038

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	C1	Pending Claims for UMY-041	
	C2	Fressinaud, Edith et al., "Molecular Genetics of Type 2 von Willebrand Disease," *International Journal of Hematology,* Vol. 75:9-18 (2002)	
	C3	Gualberto, Antonio et al., "An oncogenic form of p53 confers a dominant, gain-of-function phenotype that disrupts spindle checkpoint control," *Proc. Natl. Acad. Sci. USA,* Vol. 95:5166-5171 (1998)	
	C4	Hirota, Seiichi et al., "Gain-of-function Mutation at the extracellular domain of KIT in gastrointestinal stromal tumours," *Journal of Pathology,* Vol. 193:505-510 (2001)	
	C5	Hixon, M.L. et al., "Gain of function properties of mutant p53 proteins at the mitotic spindle cell cycle checkpoint," *Histol. Histopathol.,* Vol. 15:551-556 (2000)	
	C6	Ho, L.W. et al., "The molecular biology of Huntington's Disease," *Psychological Medicine,* Vol. 31:3-14 (2001)	
	C7	Hojo, S. et al., "Heterogeneous point mutations of the p53 gene in pulmonary fibrosis," *Eur. Respir. J.,* Vol. 12:1404-1408 (1998)	
	C8	Kopp, P., "Human Genome and Diseases: Review, The TSH receptor and its role in thyroid disease," *CMLS, Cell. Mol. Life Sci.,* Vol. 58:1301-1322 (2001)	
	C9	Kosaki, Kenjiro et al., "*PTPN11* (Protein-Tyrosine Phosphatase, Nonreceptor-Type II) Mutations in Seven Japanese Patients with Noonan Syndrome," *The Journal of Clinical Endocrinology & Metabolism,* Vol. 87(8):3529-3533 (2002)	
	C10	Lania, Andrea et al., "G protein mutations in endocrine diseases," *European Journal of Endocrinology,* Vol. 145:543-559 (2001)	

Examiner Signature		Date Considered	

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NON PATENT LITERATURE DOCUMENTS

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	C11	Müller, Jorn et al., "Severe testotoxicosis phenotype associated with ASP^{578}→Tyr mutation of the lutrophin/choriogonadotrophin receptor gene," *J. Med. Genet.*, Vol. 35:340-341 (1998)	
	C12	Oldridge, Michael et al., "Dominant mutations in *ROR2*, encoding an orphan receptor tyrosine kinase, cause brachydactyly type B," *Nature Genetics*, Vol. 24:275-278 (2000)	
	C13	Saenger, Wolfram, "Principles of Nucleic Acid Structure," Springer-Verlag, Charles R. Cantor, Editor (1983)	
	C14	Sahin-Tóth, Miklós et al., "Gain-of-Function Mutations Associated with Hereditary Pancreatitis Enhance Autoactivation of Human Cationic Trypsinogen," *Biochemical and Biophysical Research Communications*, Vol. 278:286-289 (2000)	
	C15	Simon, E.S. et al., "Creutzfeldt-Jakob Disease Profile in Patients Homozygous for the PRNP E200K Mutation," *Ann. Neurol.*, Vol. 47:257-260 (2000)	
	C16	Zuccato, Chiara et al., "Loss of Huntington-Mediated BDNF Gene Transcription in Huntington's Disease," *Science*, Vol. 293:493-498 (2001)	
	C17	Office Action mailed 05/27/05 for USSN 10/715,229 (Inventor: Tariq M. Rana)	
	C18	Office Action mailed 08/15/06 for USSN 10/715,229 (Inventor: Tariq M. Rana)	
	C19	Office Action mailed 04/02/07 for USSN 10/715,229 (Inventor: Tariq M. Rana)	
	C20	Office Action mailed 12/11/07 for USSN 10/715,229 (Inventor: Tariq M. Rana)	
	C21	Office Action mailed 10/20/08 for USSN 11/698,689 (Inventor: Aronin et al)	

Examiner Signature	/Sean Mcgarry/	Date Considered	05/11/2009

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